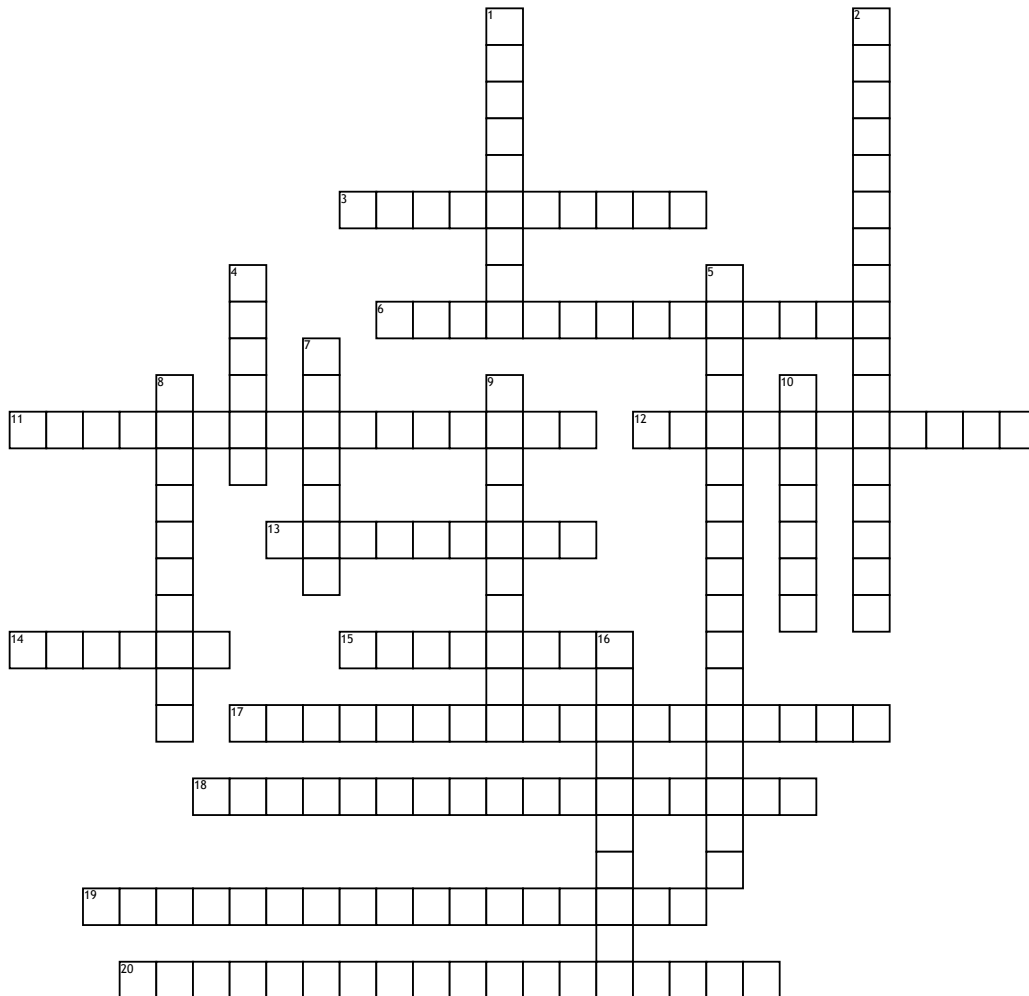


# Plate tectonics



## Across

3. this causes a tectonic plate to move  
 6. Pangaea is also known as this  
 11. theory that continents are slowly moving over Earth's surface  
 12. this happens when two plates rub past each other and cause friction  
 13. these can occur along the ring of fire  
 14. pieces of Earth's crust move on top of this  
 15. this made scratches on rocks in tropical locations  
 17. volcanoes are most likely to occur along this

18. when two plates rub past each other in opposite directions  
 19. the process that continually adds new crust  
 20. the place where two plates collide

## Down

1. oceanic crust is \_\_\_\_\_ than continental crust  
 2. Mid Atlantic ridge occurs along this  
 4. Earth's crust is broken into pieces called  
 5. the place where two plates move apart

7. a part of the mantle with very high temperatures that rises through the solid crust

8. this forms when two continental plates pull apart  
 9. this is located around the edges of the Pacific Ocean  
 10. continental crust is \_\_\_\_\_ than oceanic crust  
 16. when an oceanic plate slides below a continental plate

## Word Bank

convection  
 hot spot  
 glaciers  
 transform boundary  
 thicker

plates  
 divergent boundary  
 rift valley  
 mantle  
 convergent boundary

subduction  
 ring of fire  
 divergent boundary  
 more dense  
 super continent

continental drift  
 sea-floor spreading  
 volcanoes  
 convergent boundary  
 earthquakes